## ISSUE SLIP STAPLE ART : (for additional cross references)

| FOSITION                  | INITIALS | ID NO. | DATE      |
|---------------------------|----------|--------|-----------|
| FEE DETERMINATION         | 40110    |        | 05-01-0   |
| O.I.P.E. CLASSIFIER       | 702.70   | 1      | 5-6-15-81 |
| FORMALITY REVIEW          | TA       | Jeten  | 06/18/01  |
| RESPONSE FORMALITY REVIEW |          |        | 100(10101 |

## **INDEX OF CLAIMS**

| <ul> <li> Rejected</li> </ul>                  | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

| Einal Original | 40/1/9       | 1            | Т        | Т        | Da       | T        |              |              |   | ı         | Cla           | um l       |          |          | Claim Date       |          |                  |          |              |          |                         |          |          | Claim Date |           |          |            |              |          |           |          |           |              |  |  |
|----------------|--------------|--------------|----------|----------|----------|----------|--------------|--------------|---|-----------|---------------|------------|----------|----------|------------------|----------|------------------|----------|--------------|----------|-------------------------|----------|----------|------------|-----------|----------|------------|--------------|----------|-----------|----------|-----------|--------------|--|--|
| 3<br>3         | 6771°4       | 1            | 1        |          |          |          | 1            |              |   |           |               |            |          | Т        | _                |          | ate              | _        | _            |          | ┰┦                      | <u> </u> |          | $\vdash$   |           | т—       | _          | Da           | te       | r—        | 1        | _         |              |  |  |
| 5 1<br>2<br>3  | 10           | 1            |          |          |          |          |              |              |   |           | Final         | Original   | İ        |          |                  |          |                  |          |              |          |                         | <u> </u> | Original |            |           |          |            |              |          |           |          |           |              |  |  |
| 2              | $n^-$        | <del>-</del> | ╫        | ╀        | ╁        | +        | ╀            | +            | +   | Н         | -             |            | -        |          | +                | 4        | +                | +        | +            | +        | +                       | u        |          |            | <u> </u>  | ↓_       | _          | <del> </del> | <u> </u> | ↓_        | _        | L         | ╀            |  |  |
| 3              |              | 1            | ┿        | +        | ╀        | ╄        | ╀            | +-           | ├   | $\vdash$  |               | 51         |          |          | _                | +        |                  | $\bot$   | 1            | ╄        |                         | $\vdash$ | 10       |            | <u> </u>  | L        |            | <b> </b> _   | <u> </u> | <u>.</u>  | ┖        | L         | L            |  |  |
| $\rightarrow$  |              | ├-           | +-       | ┿        |          | ╆        | ⊢            | +            | -   | Н         |               | 52         | -+       | 4        | +                | - -      | -                | $\bot$   | +            | ╄        | 4-4                     | $\vdash$ | 10       |            | <u> </u>  | ╙        | L          | <u> </u>     | _        | <u> </u>  | ┖        | L         | _            |  |  |
| 1 4 1          | Н            | ╄            | ┼-       | +-       | ┿        | ╀        | ↓            | +            | ╙   | Н         | -             | 53         | _        | 4        | $\bot$           | 4-       | 4                | _        | <u> </u>     | ↓        | 1                       |          | 10       | _          | _         | L        | L          | <u> </u>     |          |           |          | L         | L            |  |  |
| 5              | Н            | +-           | ╀        | ╀        | -        | ╀        | ╀            | ┼            | ├   | Н         | -             | 54<br>55   | $\dashv$ | -        | +                | 4        |                  | 4        | ╄            | ╀        | +                       | -  -     | 10       | _          |           | ╙        | <u> </u>   | <u> </u>     | _        | <u> </u>  | <u>_</u> |           | 上            |  |  |
| $\rightarrow$  | Н            | ╀            | ╀        | ╁        | ├        | ┼        | ╀            | +            | ├   | Н         | $\vdash$      | -          | $\dashv$ | -        | +                | +        | +                | - -      | ┼            | ╀        | ┦                       | <u> </u> | 100      | -          |           | _        |            | <u>L</u>     |          | <u>L</u>  | _        | L         | ┺            |  |  |
| 6 7            | Н            | ╀            | ╀        | -        | +-       | ┼        | ╄            | +-           | ⊢   | H         | -             | 56         | $\dashv$ | -        | +                | +        | +                | 4        | ╄            | ╀        | 1-1                     | <u> </u> | 100      | -          | _         | <u> </u> |            | <u> </u>     |          | L         | <u> </u> | L         | L            |  |  |
| 8              | H            | ╀            | ┾        | ╁        | ╀        | ┿        | ╀            | +            | ╀   | H         | $\vdash$      | 57         | $\dashv$ | +        |                  | 4        | ╬                | +-       | ┼-           | ↓_       | $\sqcup$                | $\vdash$ | 107      |            |           | _        |            | _            | <u>_</u> | L         |          | L         | ـــا         |  |  |
|                | Н            | ╄            | ┼        | ╀        | ┼-       | ╀        | ╄            | 1-           | -   |           |               | 58         | 4        | -        | +                | +        | 4                | 4        | _            | _        | $\vdash$                | <u> </u> | 108      | -          |           |          |            | <u>.</u>     | - 1      | Ŀ         | ·        | Ŀ         | L            |  |  |
| 9              | Н            | ┼            | -        | ┼        | ⊢        | ┼-       | ┼            | 1            | -   | Н         | Н             | 59         | $\dashv$ | -        | -                | +        | -                | 4-       | ↓_           | _        | $\vdash$                | <u> </u> | 109      |            |           | L.       |            |              | L        | Ŀ         |          | L         | _            |  |  |
| † 10<br>2 11   | Н            | ├            | ╄        | ┼        | ╀        | ╆        | ┼-           | ╀            | H   | Н         | $\vdash$      | 60         | 4        | 4        | -                | $\perp$  | $\bot$           | ╄-       | <del> </del> | ↓_       | Ш                       | L        | 110      |            |           |          |            | <u> </u>     | <u> </u> | _         | Ш        | L         | L            |  |  |
| P              | Н            | ⊢            | ┼        | ┼        | ╀        | ⊢        | ┼-           | -            |   | Щ         | Н             | 61         |          | $\dashv$ | +                | -        | 4                | $\bot$   | ↓_           | ╀-       | $\perp$                 | ļ        | 11       | _          |           | Ш        | <u>_</u> . | _            | _        |           |          | Ľ         | Ŀ            |  |  |
| 1-1-1          | Н            | ⊢            | ⊬        | ┼        | ╀        | ▙        | ١            | ╄            | ┡   | Н         | Н             | 62         | -        | $\dashv$ | $\perp$          | 4.       | _                | $\perp$  | _            | ـــــ    | Ш                       | $\vdash$ | 112      | -          |           | Ш        |            | _            | _        | _         |          |           | L            |  |  |
| 18             | $\dashv$     | ⊢            | ┼        | Ͱ        |          | ┼        | $\vdash$     | -            | <del> </del>                                      | $\square$ | $\square$     | 63         | -        | 4        | $\perp$          | 4        |                  | +        | 1            | $\vdash$ | $\downarrow \downarrow$ | L.       | 113      | -          |           | Ш        |            | <u> </u>     | L        | L.        | $\perp$  | L         | L            |  |  |
| 14             | $\dashv$     | 丿            |          |          | ₩        | ↓_       | 1            | 1            | <b> </b>  | Щ         |               | 64         | 4        | _ _      | $\perp$          | +        | $\perp$          | 4        | _            | ┖        | $\sqcup$                | <u> </u> | 114      |            |           | Ш        |            | <u> </u>     |          |           |          |           | L            |  |  |
| 13             | 4            |              | ↓_       | ├_       | $\vdash$ |          |              | _            | $oxed{oxed}$                                      | $\sqcup$  | $\rightarrow$ | 65         | _        | 4        | _ļ_              | $\perp$  | $\perp$          | <u> </u> |              | $\perp$  | Ш                       |          | 115      | _          |           | Ш        |            | _            |          |           |          |           |              |  |  |
| 16             |              | 1/           | <b>└</b> | <u> </u> | <u> </u> | ┺        | <u> </u>     | ↓_           | L   |           | -             | 66         | $\dashv$ | _        | _ _              | <u> </u> | ┸                | ┸        | 1_           |          | Ш                       |          | 116      |            |           | Ш        |            | _            |          |           |          |           |              |  |  |
| 317            | 7 L          | <u> </u> _   | <u> </u> | L        | <u> </u> | <u> </u> | L            | <u> </u>     | Ш   | Щ         | $\vdash$      | 67         | _        |          | 4                | ┸        | 1                | _        |              | L        |                         |          | 117      | Ш          |           |          |            | L            |          |           |          |           |              |  |  |
| 18             | 1            | L            | <u> </u> | ╙        | L.       | <u> </u> | $oxed{oxed}$ | ╙            | Ш   |           | -             | 68         |          |          |                  | ┸        | Д.               | 1        |              |          | Ш                       |          | 118      |            |           |          |            |              |          |           |          |           |              |  |  |
| 19             | 1            | L            | <u> </u> | _        |          |          | <u> </u>     | $oxed{oxed}$ | Ш   |           |               | 69         |          |          | $\perp$          | $\perp$  | $\perp$          |          |              |          | Ш                       |          | 119      |            |           |          |            |              |          |           |          |           |              |  |  |
| 20             | i            | 1            |          | İ        |          | 1        | ľ            |              | Ш   |           |               | 70         |          | ľ        |                  |          |                  | ]        |              | П        | П                       |          | 120      | П          |           |          |            |              |          |           |          |           |              |  |  |
| 21             | T            |              | Г        | Г        |          |          |              |              | П   |           |               | 71         | す        | $\top$   | $\top$           | †        | ┪                | 1        |              |          | $\vdash$                |          | 121      |            |           | H        | _          |              |          | -         | $\vdash$ | _         | -            |  |  |
| 22             | Τ            | П            | Г        |          |          |          | <b>—</b>     |              | П   |           |               | 72         | $\top$   | $\top$   | _                | ┪        | 1                | <b>†</b> |              |          | П                       |          | 122      |            | ᅥ         |          |            |              |          |           |          | _         | $\vdash$     |  |  |
| 23             | T            | Ĩ.           | 7-2      |          | -72      |          | -            |              |   |           |               | 73         |          | T        |                  | $\top$   | Ť                |          | <b>!</b>     |          | Ħ                       |          | 123      | H          |           | $\dashv$ |            |              |          |           | -        |           | <del> </del> |  |  |
| 24             | T            |              |          | . =      | 1,47     | - :      |              |              |   | _         |               | 74         | 1        | _        | $\dagger$        | 1:       | T                |          | 1            |          | $\Box$                  | -        | 124      | $\vdash$   |           |          |            | -            |          |           | $\dashv$ |           | -            |  |  |
| 25             | Ť            |              |          | _        |          |          | Т            | 1            | Ħ   | _         |               | 75         |          | 1        |                  | 1        | +                | +        |              |          |                         |          | 125      |            |           |          |            |              |          |           |          |           | <u> </u>     |  |  |
| 26             | T            |              |          |          |          |          | _            |              | Н   | ┪         | _             | 76         | 十        | +        | +                | +        | +                | t        | H            | ┢┈       | $\vdash$                | -        | 126      | $\vdash$   | +         |          | $\dashv$   |              |          |           | -        | -         |              |  |  |
| 27             | +            |              |          | -        |          |          |              | Н            | $\dashv$  | $\dashv$  |               | 77         | +        | ╁        | +                | $^{+}$   | ╁                | ╆        | H            | _        | H                       | $\vdash$ | 127      |            | -         | $\dashv$ | _          | -            |          |           | -        |           | _            |  |  |
| 28             | +            |              | _        |          |          |          |              | Н            | $\dashv$  | $\dashv$  |               | 78         | +        | ╁        | +                | ╁        | +                | ╁        | $\vdash$     | -        | $\vdash$                | $\vdash$ | 128      | $\dashv$   | -         | $\dashv$ | -          | -            |          | -         | $\dashv$ |           | —            |  |  |
| 29             | T            | -            | _        |          |          | $\vdash$ |              | Н            | $\vdash$  | $\dashv$  |               | 79         | +        | +        | +                | +        | +                | ╁        | -            | -        | H                       | -        | 129      | $\dashv$   |           | -        |            | -            | _        | $\dashv$  |          |           | —            |  |  |
| 30             | $^{+}$       | _            | -        |          | $\vdash$ |          | H            | $\vdash$     | $\dashv$  |           |               | 80         | +        | ╁        | ╁                | +        | ╁                | ╁        | ┢            | -        | $\vdash$                | -        | 130      | $\dashv$   | -         | $\dashv$ |            | -            | -        | -         |          |           |              |  |  |
| 431            | , t          |              |          | -        | Н        | H        |              | Н            | H   | $\dashv$  |               | 81         |          | ┰        | +                | +        | +                | ╁        | $\vdash$     | -        | Н                       | $\vdash$ | -        |            | -         | $\dashv$ | -          | $\dashv$     | _        | -         | 4        |           | _            |  |  |
| 32             | . Z          | -            | $\vdash$ | ├        | Н        | $\vdash$ | $\vdash$     | ╁┯┧          | $\dashv$  | $\dashv$  | -             | 82         |          |          | -                | +        | -                |          |              |          | Н                       | -        | 131      |            | $\dashv$  | -        | -          |              |          |           |          | -         | -            |  |  |
| 33             | ╁            |              |          | $\vdash$ | -        |          | -            | H            | -   | $\dashv$  |               | 83         | -+-      | +        | +                | +-       | +                | -        | -            | -        | H                       | -        | +-       | +          |           | 1        | -          | -            | -        | -         |          | _         |              |  |  |
| 34             | H            |              |          | $\vdash$ | $\vdash$ | -        | -            | Н            |   |           | _             | 84         | +        | +        | +                | +        | +                | +        | ⊢            |          | $\vdash$                | $\vdash$ | 133      | $\dashv$   | -         |          | -+         | -            |          | $\dashv$  | $\dashv$ |           |              |  |  |
| 35             | Н            |              | $\vdash$ |          | Н        |          | -            | Н            | -+  | $\dashv$  |               | 85         | +        | +        | +                | +-       | +                | ┼—       | Η.           |          |                         | _        |          | $\dashv$   | 4         |          | -          |              |          |           | 4        | _         |              |  |  |
| 36             | Н            |              | Н        | $\vdash$ | $\vdash$ | $\vdash$ | <b>-</b>     |              |   | $\dashv$  |               | 36         | +        | +        | ╁                | ╀        | ╀                | ⊬        | -            | _        | $\vdash$                | -        | 135      |            | $\dashv$  | $\dashv$ | $\dashv$   |              | -        |           |          | _         |              |  |  |
| 37             | +            | —            | -        |          | -        |          |              | $\vdash$     | $\dashv$  | $\dashv$  |               | 30  <br>37 | +        | -        | +-               | ┼-       | +-               | -        | -            | ļ        |                         | -        | _        | $\dashv$   | $\dashv$  | -        | -          | 4            |          |           |          | _         |              |  |  |
| 38             | Н            |              |          |          | $\vdash$ | Н        |              | $\vdash$     | $\dashv$  |           |               | 38<br>38   | +        | +        | +-               | +        | +-               | ╄        | ļ            | <u> </u> | $\square$               |          | 137      | 4          |           |          | _          | _            | _        |           | _        | _         | _            |  |  |
| 1. 39          | $\mathbb{H}$ |              | -        | -        | $\vdash$ |          | _            | $\vdash$     |   |           |               |            | +        | +        | +                | 4        | ╄                | <b>├</b> |              |          | $\square$               | <u> </u> | 138      |            | 4         | -4       | _          | _            | _        | _         | _        | _         | _            |  |  |
| · <del></del>  | ╫            |              | Н        | $\vdash$ |          | $\vdash$ |              | $\vdash$     | $\dashv$  | _         | $\rightarrow$ | 89         | +        | -        |                  | ╄        | +                | ├-       | ļ,           |          | Ш                       | <u> </u> | 139      | _          | 4         | _        | _          | _            |          |           |          |           |              |  |  |
| 40             | 4            |              |          | Щ        | $\Box$   | Ш        | Щ            | $\sqcup$     | _   | _         | 1-4-          | 90         | _        | $\perp$  | $\perp$          | $\perp$  | _                | $\perp$  |              | Ш        | Ш                       |          | 140      |            |           |          |            |              |          |           |          |           |              |  |  |
| 41             | Ш            |              |          |          |          |          |              |              |   |           |               | 91         | $\perp$  | $\bot$   | $\perp$          | $\perp$  |                  |          |              | L_       |                         |          | 141      |            |           |          |            | T            |          |           |          |           |              |  |  |
| 42             |              |              |          |          |          |          |              |              | $\Box$  |           |               | 92         | $\int$   |          | $oxed{oxed}$     | Γ        | $\prod$          |          |              |          |                         |          | 142      |            | $\sqcap$  | $\neg$   | 寸          |              |          | $\exists$ | _        |           |              |  |  |
| 43             | _l           |              | $\Box$   |          |          |          |              |              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |           |               | 93         |          | J        | $\mathbb{I}^{-}$ | Γ        | $\mathbb{I}^{-}$ |          |              |          |                         |          | 143      |            | ヿ         |          |            | 寸            | $\neg$   | $\neg$    | $\neg$   |           | ٦            |  |  |
|                | Y            |              |          |          |          |          |              |              | T   | $\neg$    |               | 94         | 7        |          | T                |          | Т                |          |              |          |                         |          | 144      | $\neg$     | $\exists$ | T        | $\neg$     |              | _        | $\dashv$  | 寸        | 7         | $\dashv$     |  |  |
| 45             |              |              |          |          |          |          |              |              | _†  | ٦         |               | 95         | _        | $\top$   |                  | T        | T                |          |              |          | $\Box$                  |          | 145      | $\dashv$   | 7         | +        | 寸          | ヿ            | $\dashv$ | -+        | $\dashv$ | $\dashv$  | ٦            |  |  |
| 46             |              |              |          |          | $\neg$   |          |              |              | 7   | $\neg$    |               | 96         | $\top$   | $\top$   | $\top$           | T        | T                | T        |              |          | $\Box$                  |          | 146      | $\dashv$   | 7         |          | +          |              | $\dashv$ |           | 一        | 7         | ᅱ            |  |  |
| 47             | $\neg$       |              |          | $\neg$   |          |          |              |              | 寸   | $\neg$    |               | 97         | $\top$   | 1        | $\top$           | T        | 1                |          |              | Н        | $\dashv$                |          | 147      | $\dashv$   | 7         | +        | $\dashv$   | $\dashv$     | $\dashv$ |           | 十        | $\exists$ | ㅓ            |  |  |
| 48             |              | _            |          | $\neg$   |          |          |              |              | 7   | $\dashv$  |               | 98         | +        | +        | +-               | +        | T                | 1        | Н            |          | $\vdash$                |          | 148      | $\dashv$   | $\dashv$  | $\dashv$ | $\dashv$   | $\dashv$     |          | $\dashv$  | $\dashv$ | 7         | $\dashv$     |  |  |
| 49             | $\dashv$     |              |          |          |          |          |              | $\exists$    | 7   | $\dashv$  |               | 99         | $\top$   | 1-       | +                | +        | +                | 1        | $\vdash$     | $\dashv$ | $\dashv$                |          | 149      | +          | +         | +        | $\dashv$   | $\dashv$     | 7        | -         | -+       | +         | $\dashv$     |  |  |
| 50             | _            |              | -        |          |          |          | $\neg$       | $\neg$       | _   | $\dashv$  |               | 00         | +        | +        | +-               | +        | +                | +        |              | $\vdash$ | $\dashv$                | _        | 150      | +          | $\dashv$  | +        | $\dashv$   | -            | $\dashv$ | $\dashv$  | +        | +         | $\dashv$     |  |  |

If more than 150 claims or 10 actions staple additional sheet here